

Variable List

Construct/Variable Name	Variable Description	Range
<u>Achievement</u>		
HSPALAL	Language arts literacy	158.40 – 242.10
HSPAMAT	Mathematics	161.50 – 242.50
<u>Curriculum Quality</u>		
CURDES	Curriculum design	13 - 32
CURDEV	Curriculum development	10 - 26
CURRFOR	Curriculum forces	12 - 33
<u>Non-Curricular School-Level Variables That Influence Instruction</u>		
NSPECED	Number of special education students	2.20 – 115.10
AVGCLSZ	Average class size	10.12 – 29.40
CONDCER	% teachers, conditional certification	0.00 – 14.00
PERCHQT	% highly qualified teachers	69.00 – 100.00
STUFACR	Student to faculty ratio	5.13 – 20.12
INTCONN	Internet connectivity	60.0 – 1382.0
STCOMPR	Student to computer ratio	0.71 – 15.21
TOTINST	Total instructional time	4.00 – 6.49
<u>Facility Quality</u>		
PHYSENV	Physical environment	12 - 30
LEARENV	Learning environment	14 - 35
TECHNOL	Technology	5 - 25
SECURIT	Safety and security	5 - 25
<u>School Safety</u>		
INCVIOL	Incidents of violence	0 - 70
INCVAND	Incidents of vandalism	0 - 28
INCSUBS	Incidents of substances	0 - 21
INCWEAP	Incidents of weapons	0 – 34
INCBULL	Incidents of bullying	0 – 12
<u>Other Variables</u>		
STUENRL	Total Student Enrollment	232.0 – 3397.0
PCTFARL	Percentage Free/Reduced Lunch	18.6 – 92.7

Source: Tramaglini, T.W. (2010). Student Achievement in Lower SES High Schools. Doctoral Dissertation In-Publication, New Brunswick, NJ: Graduate School of Education, Rutgers, The State University of New Jersey.